

The Problem

For exploratory analysis of businesses in an industry, it is cumbersome to find trends between companies sharing similarities. A fast accurate clustering and visualization tool can save investors significant time and money



10,000 Businesses

Spread over 20 KPIs each having combinations of....

50

Investors

200

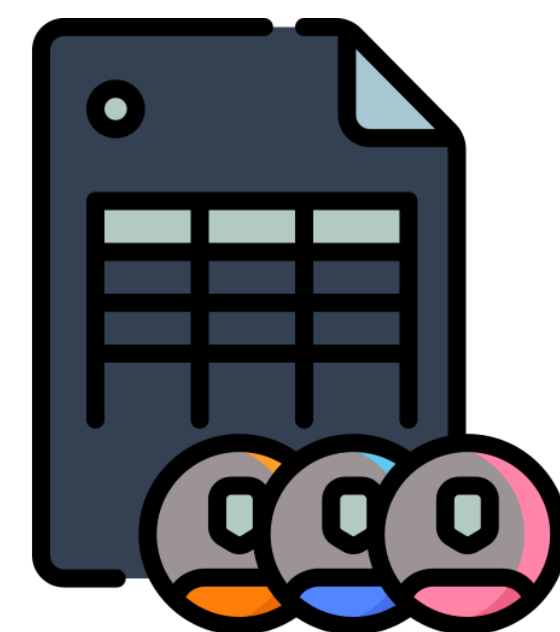
Verticals

30

Statuses

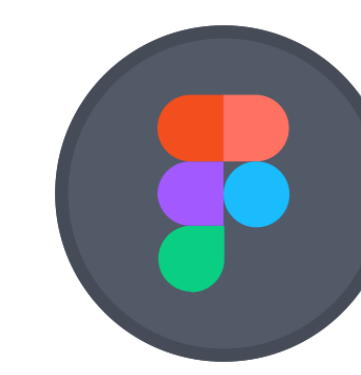
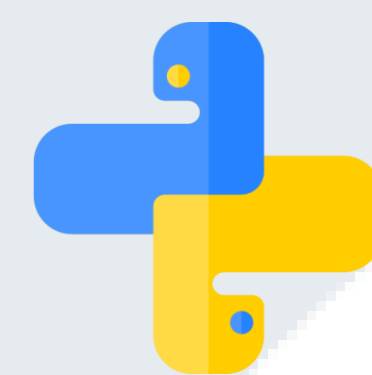
With **70 Financing Deals**

Including.. Corporations Mergers Acquisitions Early Stage VC Buyout LBO Accelerators General Debt PE Growth Expansion Angel (Individual) Senior Debt IPO Reverse Merger PIPE Seller Notes Bonds Loans Dividend Recapitalization Second Lien Mezzanine VC Later Stage Share Repurchase Convertible Debt Out of Business Platform Creation Second Transactions Crowdfunding... Reduced to groupings optimized for <5% noise and then visualized as **<10 Clusters in 1 Frame** using...



The data is displayed in a tabular format which is tedious and difficult to analyze when there are more than a 100 KPIs and more than 17000 companies within a single space.

There is no understanding of why or how companies are similar to each other. A visualization communicates a sense of hierarchy and comparison can also easily convey trends in an industry.



The Solution

Raw Data

Importing **10,000+** rows of data of tabular format and checking for inconsistencies.



Customize

Cleaning **50+** feature values according to business domain

Fine Tune

Reducing data to **less than 10** clusters and noise less than **5%** using HDBSCAN



Visualize

Visualize results as an intuitive interface with filters for segmentation